

IVANOV, T.F. (Gur'yev)

Periodic motions of the autonomous system of a certain class. Prikl.
mat. i mekh. 27 no.6:1124-1127 N-D '63. (MIRA 17:1)

IVANOV, T.F. (Gur'yev)

Plane laminar flow of a viscous noncompressible fluid about some
profiles. Izv.AN SSSR. Mekh. i mashinostr. no.4:97-101 J1-Ag
'63. (MIRA 17:4)

L 29856-66 EWT(1)/EWP(m)/EWT(m)/T WW/DJ/JAJ

ACC NR: AP6013218

SOURCE CODE: UR/0421/66/000/002/0149/0152

AUTHOR: Ivanov, T. F. (Gur'yev)

ORG: none

TITLE: Steady state rotational movements of the mass of a liquid at small Reynolds numbers

SOURCE: AN SSSR. Izvestiya Mekhanika zhidkosti i gaza, no. 2, 1966, 149-152

TOPIC TAGS: fluid flow, Reynolds number, fluid viscosity, Navier Stokes equation

ABSTRACT: The article investigates the problem of steady state rotational movements of an incompressible viscous liquid at small Reynolds numbers ($R < 1$) between surfaces of rotation. A solution of the Navier-Stokes equation is sought by the method of expansion with respect to the small parameter R , with steady state axisymmetric movement of a liquid in a cylindrical system of coordinates (z, ϕ) by the system of equations:

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L 29856-66

ACC NR: AP6013218

$$\begin{aligned}
 v_r \frac{\partial v_\phi}{\partial r} + v_z \frac{\partial v_\phi}{\partial z} + \frac{v_r v_\phi}{r} &= v \left(\frac{\partial^2 v_\phi}{\partial r^2} + \frac{\partial^2 v_\phi}{\partial z^2} + \frac{1}{r} \frac{\partial v_\phi}{\partial r} - \frac{v_\phi}{r^2} \right) \\
 v_r \frac{\partial v_r}{\partial r} + v_z \frac{\partial v_r}{\partial z} - \frac{v_\phi^2}{r} &= -\frac{1}{\tau} \frac{\partial p}{\partial r} + v \left(\frac{\partial^2 v_r}{\partial r^2} + \frac{\partial^2 v_r}{\partial z^2} + \frac{1}{r} \frac{\partial v_r}{\partial r} - \frac{v_r}{r^2} \right) \quad (1.1) \\
 v_r \frac{\partial v_z}{\partial r} + v_z \frac{\partial v_z}{\partial z} &= -\frac{1}{\rho} \frac{\partial p}{\partial z} + v \left(\frac{\partial^2 v_z}{\partial r^2} + \frac{\partial^2 v_z}{\partial z^2} + \frac{1}{r} \frac{\partial v_z}{\partial r} \right), \quad \frac{\partial v_z}{\partial z} + \frac{\partial v_r}{\partial r} + \frac{v_r}{r} = 0
 \end{aligned}$$

The mathematical development shows that in the case of two continuously differentiated surfaces, solution of the problem in the first approximation makes it possible to determine the moment of the friction forces on the solid surface with an accuracy up to R^2 . Orig. art. has: 22 formulas.

SUB CODE: 20/ SUBM DATE: 14Jul65/ ORIG REF: 002

Card 2/2 ✓

IVANOV, I.F. (Kur'yev)

Laminar flow of a viscous incompressible fluid past a paraboloid
of revolution. Izv. AN SSSR. Mekh. no.2:11-16 Mr-Apr '65.

(MIRA 18:6)

IVANOV, T.F.

Exclusion of bottom water by producing mud-sheet shields.
Nefteprom. delo no.1:9-11 '65. (MIRA 18:3)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya ob"yedineniya
"Kazakhstanneft".

L 53590-65 EWT(1)/EWP(m)/EWA(d)/FOS(k)/EWA(1) Pa-1

ACCESSION NR: AP5013127

UR/0373/65/1100/002/0011/0016

AUTHOR: Ivanov, E. F. (Gur'yev)

TITLE: On the laminar flow of a paraboloid of rotation in a viscous incompressible liquid

SOURCE: AN SSSR. Izvestiya. Mekhanika, no. 2, 1965, 11-16

TOPIC TAGS: laminar flow, incompressible fluid, velocity distribution, boundary layer, skin friction, pressure distribution

ABSTRACT: The laminar flow over a body of revolution was investigated analytically in an incompressible viscous fluid. The Navier-Stokes equations are written in cylindrical coordinates, and the usual no-slip, no-normal velocity boundary conditions are specified at the wall. The following parabolic system of nondimensional equations is introduced

$$2\eta_s = \sqrt{(z-b)^2 + r^2} + (z-b), \quad 2\eta = \sqrt{(z-b)^2 + r^2} - (z-b),$$

together with the unknown functions

$$v_z = U_\infty A(\eta, \epsilon), \quad \sqrt{\eta} v_r = U_\infty \sqrt{\epsilon} B(\eta, \epsilon), \quad p - p_\infty = \rho U_\infty^2 L^2(\eta, \epsilon).$$

Approximate solutions are proposed of the type

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L 55590-65

ACCESSION NR: AP5013127

$$A \approx A_m = \Phi'(\eta) + \sum_{k=1}^m \frac{\Psi_k(\eta)}{\rho^k}, \quad B \approx B_m = \sum_{k=1}^m \frac{\Psi_k(\eta)}{\rho^k}, \quad D \approx D_m = \sum_{k=1}^m \frac{\lambda_k(\eta)}{\rho^k}$$

Independent of the value of m, a set of boundary layer type equations is obtained, given by

$$\Phi_1 = \eta\Phi' - \Phi, \quad \lambda_1 = 0.5R^{-1/2}\eta\Phi'' + 0.5\Phi'(\eta\Phi' - \Phi) + \text{const}$$

$$\Phi'' + \Phi' + R\Phi\Phi' = 0, \quad \Phi(1) = \Phi'(1) = 0, \quad \Phi'(\infty) = 1$$

These are integrated to yield the following equations for the pressure and the velocity distributions

$$p - p_\infty = \frac{\rho U_\infty^2 a_p}{R(1+\eta^2)} = \frac{\rho U_\infty^2 a_p}{s+b} \quad \text{and} \quad u_e = \frac{U_\infty \sqrt{s\Phi}}{\sqrt{s+\eta}}, \quad \frac{\partial a_n}{\partial \eta} = \frac{U_\infty \sqrt{\eta\Phi'}}{2b(\eta+a)}, \quad \frac{U_\infty \sqrt{\eta\Phi'}}{2b(\eta+a)}$$

respectively. An expression is also derived for the skin friction which has the form $\tau = \frac{\rho U_\infty^2 b^{-1/2} \sqrt{s a_p}}{s+b}$. The analysis is then extended to define an expression for

the total drag over the body. Orig. art. has: 56 equations.

ASSOCIATION: none

SUBMITTED: 28 Apr 64

ENCL: 00

SUB CODE: ME

NO REF SOV: 002

OTHER: 000

Card 2/2 BAA

IVANOV, T.F. (Gurlyak)

Stationary pattern flow to an imperfect well with a screen in
the presence of water coning. Izv. AN SSSR Mekh. i mashinost.
no.6:53-58 N-B 16a. (MIRA 18:2)

IVANOV, T.F.

Determining the output of imperfect wells from a nonuniform anisotropic reservoir. Nauch.-tekh. sbor. po dob. nefi no.17:56-60 '62. (MIRA 17:8)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya Kazakhstanneft'.

IVANOV, T.G.

New method of disinfecting linen from communicable diseases
wards. Zhur. mikrobiol., epid. i immun. 42 no.8:146 Ag '65.
(MIRA 18:9)

1. Bryanskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.

IVANOV, T.G.

A new study on the volcanism of the Kozuf Mountain. In German.
Bul sc Jug 5 no.4:107-108 '60. (EKAI 10:7)

1. Anstalt fur geologische Untersuchungen der Volksrepublik
Mazedonien, Skopje.
(Macedonia--Volcanic ash, tuff, etc.)

BARIC, Lj.; IVANOV, T.G.

Mineral association in the neighborhood of the village of Mezilovo
on Jakupica Mountain in Macedonia. Bul sc Jug 5 no.2:40 Mr '60.
(EBAI 9:8)

1. Mineralogisch-petrographisches Museum in Zagreb und Anstalt
für geologische Untersuchungen der Volksrepublik Mazedonien,
Skopje.

(Macedonia--Minerals)

1. IVANOV, T. I.
2. USSR (600)
4. Incubators
7. Air circulation in the Rekord-39 incubator. Ptitsevodstvo no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

DUDKIN, Oleg Borisovich; KOZYREVA, Lidiya Vasil'yevna; POMERANTSEVA,
Nataliya Georgiyevna; IVANOV, T.N., kand. geol.-miner.
nauk, otv. red.; SEMENOVA, Ye.A., red.izd-vo; VINOGRADOVA,
N.F., tekhn. red.

[Mineralogy of the apatite deposits in the Khibiny Mountains]
Mineralogiia apatitovykh mestorozhdenii Khibinskikh tundr.
Moskva, Izd-vo "Nauka," 1964. 235 p. (MIRA 17:3)

GOGUADZE, V.P.; IVANOV, T.N.; VITUL'SKAYA, N.V.; NATROSHVILI, D.P.;
KVEDELAVA, V.M.

Potassium number, fusibility, and refractive index of the
system ϵ -caprolactam - cyclohexanoxime. Soob. AN Gruz. SSR
38 no.2:303-308 My '65. (MIRA 18:9)

1. Institut prikladnoy khimii i elektrokhimii AN GruzSSR,
Tbilisi. Submitted June 15, 1964.

GOGUAZE, V.P.; IVANOV, T.N.; VITUL'SKAYA, N.V.; KVERELAVA, V.D.;
NATROSHVILI, D.R.; PANKVELASHVILI, A.G.

Solubility of hydroxylamine sulfate in cyclohexanone and
the separation of the cyclohexanone oxime complex system.
Sob. AN Gruz. SSR 37 no. 3:567-572 Mr '65. (MIRA 18:5)

1. Institut prikladnoy khimii i elektrokhimii AN GruzSSR, Tbilisi.
Submitted June 15, 1964.

VEKSLER, V.J.; VODOPJANOV, A.F.; JEFREMOV, D.V.; MINC, A.Z.; VEISBEIN, M.M.;
GASEV, M.G.; ZEJDIC, A.J.; IVANOV, T.P.; KOLOMENSKIJ, A.A.; KOMAR, E. G.;
MALYSEV, J.E.; MONOSZON, M.A.; NEVJAZSKIJ, J.Ch.; PETUCHOV, V.A.;
RABINOVIC, V.A.; RUBCINSKIJ, S.N.; SINEBNIKOV, K.D.; STOLOV, A.M.;
KULT, Karel, inz.

The synchrotron for particle acceleration to 10 BeV energy of the
Soviet Academy of Sciences. Jaderna energie 3 no.1:5-9 Ja '57.

1. Ustav jaderne fyziky (for Kult).

L 24165-66 EWT(1)/T JK

ACC NR: AF6015166

SOURCE CODE: UR/0218/65/030/002/0216/0225

AUTHOR: Ivanova, T. N.; Praydina, N. I.; Rubel', L. N.—Rubel, L. N. . 36
BORG: Laboratory of Functional Biochemistry of the Nervous System, Institute of Physiology Im. I. P. Pavlov, Leningrad (Laboratoriya funktsional'noy biokhimi'i nervnoy sistemy Instituta fiziologii AN SSSR) 27TITLE: Determining the rate of metabolism of the phosphate of phosphatidylethanolamine and phosphatidylcholine in different regions of the brain of the rat

SOURCE: Biokhimiya, v. 30, no. 2, 1965, 216-225

TOPIC TAGS: rat, brain, biologic metabolism, organic phosphorus compound

ABSTRACT: Phospholipids account for nearly one-half of the total mass of lipids of the brain. The energetic aspect of the phosphate metabolism of individual phospholipid fractions still has not been elucidated, however. Accordingly, the authors investigated this aspect for two fractions—phosphatidylcholine and phosphatidylethanolamine. A solution of radioactive phosphorus $\text{Na}_2\text{HP}^{32}\text{O}_4$ was subcutaneously administered to adult white rats weighing 180-200 g, which were killed 2 to 8 hr afterward. Their heads were cut off following desanguination of the brain by perfusion and immersion in liquid oxygen. The subsequently extracted pieces of the brain were ground in a 10-fold volume of prefrozen 10% trichloroacetic acid and further processed to isolate the lipid extract and hydrolyze phosphatidylcholine (PCh) and phosphatidylethanolamine (PEA). The proportional metabolic rate (R) was determined through experiments with the administration of different doses of P^{32} (2.5 and 1.7 $\mu\text{curie/g}$ body weight) with subsequent analysis of the cerebral cortex, medulla oblongata, and spinal cord. Curves—

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UDC: 577.153.3

L 24165-66

ACC NR: AP6015166

of specific activity as a function of time for the phosphate of both reaction products (PCh and PEA) and the phosphate of the precursor (ATP) were used to calculate the proportional metabolic rate (R), the turnover time (t_t), and the absolute metabolic rate (AMR); the findings do not differ significantly for the cerebral cortex, the medulla oblongata, and the spinal cord. The AMR for the phosphate groups of PCh in all the brain parts investigated is higher ($0.1 \mu\text{mole/hr/g tissue}$) than for the phosphate of the total PEA fraction ($0.07 \mu\text{mole/hr/g tissue}$). Orig. art. has: 2 figures, 3 formulas and 3 tables. JPRS

SUB CODE: 06 / SUBM DATE: 24Feb64 / ORIG REF: 014 / OTH REF: 014

Card

2/2

FV

IVANOV, T.P.; TINYAKOV, G.F.

Automatic device for determining saturation pressure in a well.
Neftprom. delo no.9:29-34 '65. (MIRA 18:20)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

L 3671-66 EWT(1)

ACCESSION NR: AP5023290

UR/0371/65/000/004/0028/0032

56
53
5

AUTHOR: Ivanovs, U.; ^{44, 55} (Ivanov, U. I.); Mihailovs, J.; (Mikhaylov, Yu. A.) ^{44, 55}

TITLE: Falling of mercury drops in a magnetic field ^{21, 44, 55}

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 4, 1965, 28-32

TOPIC TAGS: magnetic field intensity, electrolyte, electric conductivity, mercury, magnetic induction

ABSTRACT: The article considers the results of experimental investigations of the effect of a magnetic field on the falling of mercury drops in solutions of electrolytes as a function of the magnitude of the induction of the magnetic field and the electric conductivity of the electrolytic solutions. In the experiments, the induction of the magnetic field was varied from 0 to 1.5 Tl and the conductivity of the electrolyte was varied from 10⁻³ to 36 Siemens units/m. Size of the drops viscosity, and density of the medium were held constant. The investigations were carried out at a value of the Reynolds number of about 10⁴. To obtain a single relationship, the trajectories of 3x10⁵-5x10⁵ mercury drops were treated. Results indicate that a drop of mercury falling in an electrolyte under the action of

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L 3671-66

ACCESSION NR: AP5023290

3

an external transverse magnetic field acquires an additional velocity whose direction is perpendicular to the vectors of the main velocity and of the induction of the magnetic field. The magnitude of this velocity is proportional to the induction of the magnetic field and to the conductivity of the electrolytic solution. At large conductivities of the solution, in view of the interconnection between the concentration and the conductivity of the electrolyte, the hydrodynamic conditions governing the fall of the drop change considerably, leading to a change in the nature of the dependence of the transverse velocity on the conductivity of the solutions.
Orig. art. has: 4 figures

ASSOCIATION: Institut energetiki AN Latv SSR (Energetics Institute AN LatSSR)

SUBMITTED: 03Apr65

ENCL: 00

SUB CODE: ME

4/13

NR REF SOV: 002

OTHER: 000

KA
Card 2/2

L 13618-66 EWT(m)/EWP(t)/EWP(b) JD

ACC NR: AP6000964

SOURCE CODE: UR/0286/65/000/022/0044/0044

AUTHOR: Ivanov, U. I.

ORG: none

29
B

TITLE: Method for obtaining a hard vacuum. Class 27, No. 176356

SOURCE: Byulleten' izobretoniy i tovarnykh znakov, no. 22, 1965, 44

TOPIC TAGS: high vacuum technique, high vacuum pump

ABSTRACT: This Author Certificate presents a method for obtaining a hard vacuum in a container by filling the container with vapors of the working liquid entering from a vaporizer and exhausted by pumps. To increase the pumping rate and to include pumping devices in assembly-line production, the container is filled with vapors of a low temperature liquid and is exhausted by a pump. The process is repeated until a given purity of the vapor is obtained. To increase the ultimate vacuum in the container (or an isolated section of a small container for condensation of the vapors), the condensate is frozen out by periodically connecting a container with a coolant.

SUB CODE: 13/

SUBM DATE: 06Dec62

Card 1/1 HW

UDC: 621.528.1

L 25004-00 WT(d)/EWT(1)/ENP(m)/ENA(d)/T/ENP(1)/ETG(m)-6/ENA(1) TJP(c) WT

ACC NR: AF6010260

SOURCE CODE: UR/0371/66/000/001/0003/0015

AUTHORS: Ivanov, U. I. -- Ivanova, U.; Mikhaylov, Yu. A. -- Mihailova, J. 66
E

ORG: Institute of Power Engineering, Academy of Sciences Latvian SSR
(Institut energetiki AN Latv. SSR)

TITLE: Fluid motion near the phase interface in the presence of electromagnetic field

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 1, 1966, 3-15

TOPIC TAGS: electromagnetic field, electromagnetic interaction, motion equation, phase velocity, double layer

ABSTRACT: An approximate ^{76, 44, 5} mathematical model of a double-layer is given. The general characteristics of its structure are considered. On the basis of this model, ^{1, 2} equations of fluid motion near the fluid-fluid interface and the fluid-solid body interface are solved. The velocity of relative motion of contacting phases in the presence of electromagnetic field is given. The characteristics of fluid motion under the influence of electrical and magnetic fields near the interface are indicated. The physical nature of the term "skidding plane" 2

Card 1/2

L 23064-66

ACC NR: AP6010260

is disclosed and the method of its calculation is presented. The parameter $\sqrt{\frac{e_1 \eta_1}{e_2 \eta_2}}$ has been employed in characterizing the interphase interaction. Orig. art. has: 5 figures and 20 formulas. [Based on author's abstract] [AM]

SUB CODE: 20/ SUBM DATE: 22May65/ ORIG REF: 008/ OTH REF: 001/

Card 2/2 *fw*

IVANOV, V.

Organizing marine transportation of diesel locomotives.
Mor. flot 25 no.10:18-19 0 '65. (MIRA 18:11)

1. Dispetcher otdela gruzovoy i kommercheskoy raboty
Leningradskogo porta.

GOLOVINSKI, Evgeni; IVANOV, Veselin

Chemistry and biologic importance of bacterial lipides. Priroda
Bulg 13 no.5:50-54 Sep '64.

IVANOV, V.

Flushing sand with a telescopic tool. Neftianik 6 no.2:13
F '61. (MIRA 14:10)
(Oil well drilling)

IVANOV, V.

Truly popylar. Izobr.i rats. no.4:6-7 Ap '62. (MIRA 15:4)

1. Predsedatel' Tsentral'nogo soveta Vsesoyuznogo obshchestva
izobretateley i ratsionalizatorov.
(Technical education)

LOKTYUKHOV, M.; IVANOV, V.

Widespread precast construction. Stroitel' no.6:3-8 Je '61.
(MIRA 14,87)

1. Upravlyayushchiy trestom Mosstroy No.3 (for Loktyukhov).
2. Sekretar' partorganizatsii tresta Mosstroy No.3 (for Ivanov).
(Moscow--Construction industry)

IVANOV, V., inzhener-polkovnik

He used inertia and increased the speed. Starsh.-serzh. no.1:20
Ja '62. (MIRA 1584)
(Inertia) (Tanks (Military science))

IVANOV, V.

It is possible to consolidate without damaging business. Fin.
SSSR 23 no.7:75-76 J1 '62. (MIRA 15:7)

1. Nachal'nik shtatnogo otdela Kaluzhskogo oblastnogo finansovogo
otdela.

(Kaluga Province--Industrial management)

POLIKARPOVICH, M.; ZHELEZNOV, V., преподаvatel'; IVANOV, V., nauchnyy sotr.

Serious lesson. Sov.profsoiuzy 18 no.14:15-16 JI '62. (MIRA 15:7)

1. Starshiy instruktor Organizatsionno-instrukorskogo otдела Vsesoyuznogo tsentral'nogo soveta profsoyuzov (for Polikarpovich).
2. Moskovskaya vysshaya zaochnaya shkola professional'nogo dvizheniya (for Zheleznov, Ivanov).
(Stavropol Territory—Trade unions—Officers)

IVANOV, V.

Motor Vehicles for agricultural freight. Avt. transp. 40
no. 3:43-44 Mr '62. (MIRA 15:2)
(Farm produce--Transportation)
(Motor vehicles)

VINKOV, Ivan, inzh.; IVANOV, Vasil, inzh.

Machines for the removal of yarn residue in used weft spools.
Tekstilna prom 11 no.3:14-17 '62.

- : 1. Durzhaven vulveno-tekstilen kombinat "As. Khalachev", Pleven
(for Vinkov). 2. Durzhaven vulveno-tekstilen kombinat "Maritsa",
Plovdiv (for Ivanov).

IVANOV, V., inzh.

Economic efficiency in the use of small rivers of Ryazan
Province for transportation purposes. Rech. transp. 21
no.9:13-16 S '62. (MIRA 15:9)
(Ryazan Province--Inland water transportation)

IVANOV, V.

Improve the work of interfarm building organizations. Sel'.
stroil. 17 no.4:1-2 Ap '63. (MIRA 16:7)

1. Nachal'nik Upravleniya po stroitel'stvu v kolkhozakh
Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov RSFSR.
(Collective farms—Interfarm cooperation)
(Construction industry)

IVANOV, V.

Recent developments in qualitative inspection of wheat. Muk.-
elev. prom. 29 no.5:11-12 My '63. (MIRA 16:7)

1. Nachal'nik Gosudarstvennoy khlebnoy inspektsii Gosudarstvennogo
komiteta zagotovok.
(Grain—Testing)

IVANOV, V.

New classification of products obtained as a result of treating
and processing grain. Muk.-elev. prom. 28 no.12:7-8 D '62.
(MIRA 16:1)

1. Upravleniye tsentralizovannogo ispol'zovaniya gosudarstvennykh
khlebnykh resursov Gosudarstvennogo komiteta zagotovok.
(Cereal products)

IVANOV, V., inzh.-mayor

The aircraft mechanic should be strictly specialized. Av.1 kosm.
45 no.5:85-86 My '63. (MIRA 16:5)
(Airplanes—Maintenance and repair)

IVANOV, V., inzh.

Areas of use of small rivers for transportation purposes. Rech.
transp. 22 no.2:17-20 F '63. (MIRA 16:5)
(Inland water transportation)

NIKITIN, N., inzh.; IVANOV, V., inzh.

Tubular tanks for liquefied gases. Zhil.-kom. khoz. 10 no.12:27 '60.
(MIRA 13:12)

(Liquefied gases--Storage)

KOTKO, G.; KUDRYASHOV, N., inzh.; IVANOV, V., inzh.

Heading for the consolidation of automotive transportation units
and the organization of centralized transportation. Avt.transp.
42 no.3:32-33 Mr '64. (MIRA 17:4)

1. Starshiy ekonomist Talasskoy avtobacy, Kirgiaskaya SSR (for
Kotko). 2. Avtokhozyaystvo No.16 Glavsrednevolzhskstroya (for
Kudryashov). 3. Tsentral'noye byuro tekhnicheskoy informatsii
Nizhne-Volzhskogo soveta narodnogo khozyaystva (for Ivanov).

IVANOV, V.

Develop and strengthen the interfarm building organizations. Sel'.
stroil. no.8:l-2 Ag '62. (MIRA 15:11)

1. Nachal'nik Upravleniya po stroitel'stvu v kolkhozakh Ministerstva
proizvodstva i zagotovok sel'skokhozyaystvennykh produktov RSFSR.
(Collective farms--Interfarm cooperation) (Construction industry)

IVANOV, V.

USSR/Human and Animal Physiology - Liver.

v-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4109

Author : V. Ivanov, R. Poskanny

Inst : Kursk Medical Institute.

Title : Changes in the Hepatic Function of Bile Secretion after
Ligature and Sectioning of the Pancreatic Canals.

Orig Pub : Sb. nauch. stud. robot. Kurskiy med. in-t, 1956, issue
3, 34-36

Abstract : No abstract.

Card 1/1

IVANOV, V., general-mayor meditsinskoy sluzhby; VOROPAY, A., polkovnik
meditsinskoy sluzhby

Raise the requirements in supplying medical services to troops.
Tyl.i snab.Sov.Voor.Sil 21 no.5:61-66 My '61. (MIRA 14:8)
(MEDICINE, MILITARY)

L 11097-63

EWT(d)/PCC(w)/BDS--ANFTC--IJP(C)

Z/0026/63/008/003/0216/0223

ACCESSION NR: AP3000256

53
52

AUTHOR: Ivanov, Vasil (Engineer); Picek, Milan (Engineer)

TITLE: Solution of an algebraic equation of nth degree with real positive roots with the aid of a program for an automatic electronic digital computer National-Elliot 803

SOURCE: Aplikace matematiky, v. 8, no. 3, 1963, 216-223

TOPIC TAGS: algebraic-equation solution, computer programming, computer, National-Elliot 803 computer

ABSTRACT: A new method for solving an algebraic equation of nth degree with real positive roots is proposed on the basis of the classical iteration method of Newton. Necessary values of the function and of corresponding derivatives are calculated according to Horner's scheme. The development of the method makes use of the fact that the Horner scheme also gives the coefficients of corresponding lower degree polynomials in every last iteration step for a corresponding root. It is established that it is not necessary to find the approximate value of a root in order subsequently to find its exact value; instead, the value of the

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L 11097-63
ACCESSION NR: AP3000256

previously calculated exact root can be used. The calculation procedure developed is used for programming the solution of fifth-degree algebraic equations for a National-Elliott 803 digital computer. Orig. art. has: 5 formulas, 2 figures, and 1 table.

ASSOCIATION: Energoprojekt (Power Engineering Design Office)

SUBMITTED: 21Mar62

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: GP

NO REF SOV: 000

OTHER: 000

Signature
Card 2/2

GRADOVICH, V., glavnyy inzhener zavoda; ~~IVANOV, V.~~

Mastering the production of foam silicates in the Orsha factory.
Stroi.mat., izdel.i konstr. 1 no.11:25-28 N '55. (MLRA 9:5)

1. Starshiy nauchnyy sotrudnik instituta stroitel'noy tekhniki
(for Removing) (Orsha--Silicates)

~~IVANOV, V.~~

First feed piston pump. Zhil.-kom. khoz. 8 no. 6:27 '58. (MIRA 11:7)

(Pumping machinery)
(Pistons)

IVANOV, V.

Characteristic Peculiarities of Indigosol Purples. Leka Promishlenost
(Light Industry), #12:15:Dec. 1954

IYANOV, V.

Universal device for unsoldering wire and installing electric
light fixtures. Na stroi. Mosk. 1 no.12:23 D'58. (MIRA 11:12)
(Electric wiring--Equipment and supplies)

IVANOV, V.

Combined electric-meter and fuse boxes to be installed in
BE-2 concrete panels. Na stroi. Mosk. 2 no.4:23 Ap '59.
(MIRA 12:7)

1. Starshiy inzhener tresta Mossanelektroprom.
(Electric fuses) (Watt-hour meters)

IVANOV, V.

Using rolled vibrated panels in building transformer sub-
stations. Na stroi. Mosk. 2 no.8:23 Ag '59. (MIRA 12:12)

1. Starshiy inzhener tresta Mossanelektroprom.
(Electric substations) (Concrete slabs)

KATS, P.; IVANOV, V.

Practices of the Voroshilovsk Building Trust in making supports
for electric transmission lines. Bud.mat.1 konstr. 1 no.1:
19-21 0 '59. (MIRA 13:8)

1. Rukovoditel' brigady instruktorov tresta "Voroshilovskstroy"
(for Kats). 2. Starshiy instruktor peredovykh metodov truda
tresta "Voroshilovskstroy" (for Ivanov).
(Prestressed concrete) (Electric lines--Poles)

IVANOV, V.; MARKOVSKI, KH.

TECHNOLOGY

Periodicals TEKHNKA Vol. 7, no. 10, 1958

IVANOV, V.; MARKOVSKI, KH Measuring the sinkage of the upper part and the load on the props in coal mines. p. 31.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5
May 1959, Unclass.

IVANOV, V.

The ONK spraying and dusting combine. p.31 MASHINIZIRANO
ZEMEDELIE. (Ministerstvo na zemedelieto) Sofiya. Vol. 7,
No. 3, Mar. 1956

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol. 5, No. 11, November 1956

IVANOV, V.

Adjusting the GD-42 thresher for threshing lucerne. p.21.
MASHINIZIRANO ZEMEDELIE. (Ministerstvo na zemedeliето)
Sofia. Vol. 7, no. 8, Aug. 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, No. 12, December 1956

IVANOV, V.

Pay daily attention to problems of planning collective farms and
improving public areas and services. Sel'.stroj. 14 no.5:1-2
My '59. (MIRA 12:8)

1. Nachal'nik Glavkolkhozstroya Ministerstva sel'skogo khozyaystva
RSFSR. (City planning)

IVANOV, V.

Mass primary organizations. NTO no. 5:46-47 My '59.
(MIRA 12:8)

1. Predsedatel' Khar'kovskogo oblastnogo soveta profsoyuzov.
(Research, Industrial)

IVANOV, V., inzh.

The K-17 synthetic glue. Na stroi. Mosk. 2 no.6:25 Ja '59.
(MIRA 12:8)

(Glue)

IVANOV, V.; MARKOVSKI, KH.

"On the question of investigating the coal pressure upon frontal mine openings,
and the first observations thereupon in Bulgaria."

p. 31 (Minno Delo, Vol. 12, no. 6, Nov./Dec. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

IVANOV, V.; DELCHEV, V.

"Strengthening with metallic supports and wooden caps in the Nadezhda mine in the coal basin of the Maritsa River. "

p.23 (Mirno Delo, Vol. 12, no. 3, May/June 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 8, August 1958

~~IVANOV, V.~~
IVANOV, D.
PARKOVSKI, KH.

Application of mixed props, metal stands and wooden taps, in the shafts of the Nadezha and Merichleri I mines, Maritsa Basin State Mine Enterprise, during 1957. p. 3.

Bulgaria
Sofia, Nauchnoizsledovatel'ski institut za karenovuglenata promishlemost.
GODNISHNIK, Sofia, Vol. 2, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 10, ^{Oct.} 1959
Uncl.

Card 1/1

IVANOV V.

M

BULGARIA/Cultivated Plants. Fruits. Berries.

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20468.

Author : V. Ivanov

Inst : The Scientific Research Institute for Fruit Raising in Kyustendil

Title : Fruit Orchard Irrigation (Orosheniye plodovykh sadov).

Orig Pub: Ovoshcharstvo i gradinarstvo, 1957, No 4, 4-10.

Abstract: In the Scientific Research Institute for Fruit Raising in Kyustendil research was made on the most rational irrigation for fruit orchards. Irrigation at a 70% supply of the total moisture capacity yielded the best results. Productivity increased by 30% with this and the growth by 35%. Irrigation in the furrows is recommended. Irrigation is carried out from the beginning of florescence to September with intervals of 2-25 days. After florescence abundant

Card : 1/2

USSR/Cultivated Plants - General Problems.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44009

Author : Ivanov, V.

Inst :

Title : Agrobiological Evaluation of the Two-Stage Harvesting of Crops.

Orig Pub : S. N. Sibir, 1957, No 10, 16-20

Abstract : No abstract.

Card 1/1

MARSHAK, I.; IVANOV, V.

"Zaria," the new electronic flash. Sov.foto 20 no.8:30-31 Ag
'60. (MIRA 13:8)

1. Moskovskiy elektrolampovyy zavod.
(Photograph, Flashlight--Equipment and supplies)

IVANOV, V.

Save ten billions in six years. Izobr. i rats. no. 121-3 Ja '62.
(MIRA 14:12)

1. Predsedatel' Tsentral'nogo soveta Vsesoyuznogo obshchestva
izobretateley i ratsionalizatorov.
(Russia--Economic policy)

IVANOV, V.

Hidden potentialities for reducing administrative expenditures.
Fin. SSSR 21 no.12:59-63 D '60. (MIRA 13:12)

1. Kontroler Komissii sovetskogo kontrolya Soveta Ministrov
Latviyskoy SSR. (Latvia--Industrial management) (Latvia--Finance)

• IVANOV, V.; NEMCHINOV, V.

Developments in blasting operations. Mast.ugl. 9 no.10:
28-29 0'60. (MIRA 13:10)
(Coal mines and mining--Explosives)

IVANOV, V.

For further improvement of rural construction in eastern regions.
Sel'. stroi. 15 no.11:1-2 N '60. (MIRA 13:11)

1. Zamestitel' nachal'nika Glavnogo upravleniya stroitel'stva Ministerstva sel'skogo khozyaystva RSFSR.
(Soviet Far East--Farm buildings)

IVANOV, V.

Technology and organization of mechanical ventilation of grain at
the Kokchetav Elevator. Muk.-elev. prom. 26 no.6:11. Je '60.
(MIRA 13:12)

1. Zamestitel' direktora Kokchetavskogo elevatora.
(Kokchetav --Grain--Storage)

IVANOV, V.

Urgent program of our work. Izobr.i rats. no.2:2-3 7 '61.
(MIRA 14:2)

1. Predsedatel' Tsentral'nogo soveta Vsesoyuznogo obshchestva
izobretateley i ratsionalizatorov.
(Agriculture)

IVANOV, V., inzh.; PENEV, I., inzh.

Introduction of consloe metallic supports at the fronts of the mines "Marishki basein" and "Bobov dol." Min delo 17 no.1:27-31 Ja '62.

1. Minen nauchnoizsledovatski institut (for Ivanov).

IVANOV, V., inzh.

Wear of the pump and injector unit spray tips of IamZ-204A engines.
Avt.transp. 39 no.3:27-29 Mr '61. (MIRA 14:3)
(Motor vehicles—Engines—fuel systems)

IVANOV, V.

New techniques for fastening pipes and stamping tubular parts.
Mashinostroitel' no.3:32 Mr '63. (MIRA 16:4)
(Technological innovations)

IVANOV, V.

Introduce the "Elochka" milking machines more widely. Sel's. stroi.
no.5:24-25 My '62. (MIRA 15:7)

1. Nachal'nik Upravleniya po stroitel'stvu v kolkhozakh Ministerstva
proizvodstva i zagotovki sel'skokhozyaystvennykh produktov RSFSR.
(Milking machines)

IVANOV, V.

Cybernetics and linguistics. Radio no.8:9-10 Ag '61. (MIRA 14:10)

1. Predsedatel' lingvisticheskoy seksii nauchnogo soveta po
kibernetike AN SSSR.
(Cybernetics) (Machine translating)

IVANOV, V. vitse-admiral

For a critical and impartial evaluation of the results of
naval training. Komm.Vooruzh.Sil 3 no.22:28-34 N '62.
(MIRA 15:12)

(Russia--Navy)

ZUYEV, V.; KORN, A.; IVANOV, V.

"Mechanization of loading and unloading operations in the
transportation of agricultural products" by V.A. Goberman,
L.A. Goberman. Reviewed by V. Zuev, A. Korn, V. Ivanov.
Avt.transp. 40 no.5:61 My '62. (MIRA 15:5)

(Farm produce—Transportation)
(Loading and unloading—Equipment and supplies)
(Goberman, V.A.) (Goberman, L.A.)

IVANOV, V.

The Kaluga waste. Fin. SSSR 23 no.2:58-59 F '62.

(MIRA 15:2)

1. Nachal'nik shtatnogo otdela Kaluzhskogo oblastnogo
finansovogo otdela.

(Kaluga Province--State farms--Management)
(Kaluga Province--Agricultural machinery)

IVANOV, V.; MARCHENKO, N.; TRUNOV, G.; RADIN, A.; YASEVICH, L.; DEGLIN, M.

Modernized quick-freezing system. *Mias.ind.SSSR* 35 no.1:37-38
'64. (MIRA 17:4)

1. Mandrykinskiy mashinostroitel'nyy zavod (for Yasevich).
2. Donetskyy myasokombinat (for Deglin).

IVANOV, V.

Formerly in the ranks. Kryl. rod. 16 no.919 S '65.

(MIRA 18:12)

IVANOV, V.

World recovery of oil in 1964. Neft. khoz. 43 no.8:67 Ag
'65. (MIRA 18:12)

IVANOV, V., with admiral

Leira at sea with full exertion of forces. Komm. Vocruzh. Sil 46
no.12:24-29 Je '65. (MIRA 18:10)

IVANOV, V.

Electrical Engineering

"A Discriminator Circuit," RADIO, No. 10, 1949.

238T62

IVANOV V.

USSR/Electronics - Television Receivers Apr 52
Single-Channel Reception

"Single-Channel Reception of Television Programs,"
V. Ivanov and M. Tovbin

"Radio" No 4, pp 40-43

Description of both "straight" and superhet single-channel TV receivers. Discusses linear and square-law detectors. The picture quality of the KVN-49 single-channel receiver demonstrates the soundness of this system. It is also recommended for use in amateur TV receivers.

238T62

IVANOV, V.

"An amateur tape-recorder."

So. Radio, Vol. 5, p. 56, 1952

1. IVANOV, V.
2. USSR (600)
4. Sound--Recording and Reproducing
7. Amateur magnetophone. (conclusion) Radio no. 12 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. IVANOV, V.
2. USSR (600)
4. Radio
7. Varnishing the parts, Radio No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

IVANOV, V., kinomekhanik.

Parallel hook-up of PU-156 amplifiers. Kinomekhanik no.6:38 Je '53.
(MLRA 6:8)
(amplifiers, vacuum-tube)

IVANOV, V.

Home-made head for a tape recorder. Radio no. 1:52-54 Ju '54.
(MLRA 7:1)

(Magnetic recorders and recording)

IVANOV, V .

IVANOV, V.

Reconstruction of the DO-50 electric motor. Radio no. 7:43-45

Jl '54.

(MIRA 7:7)

(Electric motors)

USSR/Electronics - Radio centers

Card 1/1 Pub. 89 - 17/40

Authors : Ivanov, V.

Title : The need of effective assistance to Kolkhov radio centers

Periodical : Radio 10, page 23, Oct 1954

Abstract : The state of radiofication of Kolkhozes in Moldavia is described. The progress made in certain areas is offset by deficiencies in other areas as a result of a lack of trained radio-operators and supervisors and a shortage of replacement parts. A shortage of good loudspeakers is particularly noticeable. Frequent interuptions in operation are caused by break-downs in power supply. Active measures for the elimination of the above deficiencies are recommended.

Institution:

Submitted:

IVANOV, V.

USSR/ Electricity - Magnetism

Card 1/1 Pub. 89 - 22/27

Authors : Ivanov, V.

Title : Combatting background noises in a magnetic tape recorder

Periodical : Radio 1, 52-53, Jan 1955

Abstract : The reproducing head of a magnetic tape recorder being sensitive not only to the magnetic field induced by the ferromagnetic tape, but also to different magnetic fields produced by the motor mechanism driving the tape, the power transformer of the amplifier and other electrical devices near it, a background of noise is developed which the author proposes to reduce by screening off the reproducing head. Full technical details are presented for effecting such screening. Illustrations. Schematic drawings.

Institution :

Submitted :

IVANOV, V.

USSR/ Electronics - "magnetic tape recorders

Card 1/1 Pub. 89 - 23/32

Authors : Ivanov, V.

Title : Battery-type magnetic recorder

Periodical : Radio 2, 40 - 43, Feb 1955

Abstract : A description is presented of a portable battery-type magnetic tape recorder, and technical data is given on its operational and constructional principles together with circuit diagrams depicting the disposition of its various components. Graph; circuit diagrams; diagrams.

Institution:

Submitted:

IVANOV, V. (Moskva)

Amateur short wave reception of telegraphic signals on
broadcast sets. Radio no. 6:44 Je '55. (MLRA 8:8)
(Amateur radio stations)

IVANOV, V.; RUMOV, K.

New standardized units for the scanning apparatus of massproduced
television sets. Ratio no.6:38-40 Je '56. (MIRA 9:8)
(Televison--Receivers and reception)

Ivanov, V.

107-12-38/46

AUTHOR: Ivanov, V.

TITLE: Finishing of Radio-Receiver Cabinets
(Otdelka yashchikov dlya radiopriyemnikov)

PERIODICAL: Radio, 1956, Nr12, p. 52 (USSR)

ABSTRACT: Instructions for finishing the external surface of a wooden (oak, walnut, beech, maple, birch) cabinet for a radio receiver are given.

The surface should be carefully ground with #46-60 sandpaper, and then with #80-100; final grinding with #140-170. Then the surface should be moistened with warm water and immediately wiped dry. After $1\frac{1}{2}$ -2 hrs, the lint should be removed with #120-140 sandpaper. Then the surface should be stained with one of the compositions given in the article. Then it should be wiped with horse hair. After that the first coat of alkali polish should be applied and the cabinet should be allowed to dry for 6-7 days. Then again grinding with #140-170.

The finishing is completed with a second application of polish and final wiping of the surface with a pure-alcohol soaked pad.

AVAILABLE: Library of Congress

Card 1/1

IVANOV, V.

Finishing radio-receiver cabinets. Radio no.12:52 D '56,

(MLRA 10:2)

(Radio--Receivers and reception)